

ABSTRACT OF THE DISCLOSURE

A method of producing young moss seedlings preferable as greenery plants, by which many young moss seedlings are produced with high speed under artificially controlled atmosphere. In nutrient solution, young moss seedlings are grown with regeneration buds bred around gametophytes, at a temperature of 0 to 60°C, with photosynthetic active photon flux density (PPFD) of not greater than 200 ($\mu\text{molm}^{-2}\text{s}^{-1}$), fertilizer concentration (mS/cm) of 0 to 1.0, and by repeating light periods and dark periods in cycles of 24 hours or less duration, aerating and stirring, and controlling the growth of young moss seedlings.